**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pre-Algebra**

**The following problems are due Monday, September 29th. You may use any resource to solve these problems except if that resource is a person. These are standards that you have been taught in previous years. On Thursday of this week I will set aside 5 minutes to help you with any questions you may have in solving these problems. YOU MUST SHOW ALL WORK!**

1.) The table shows the Math test scores for 6 students. What is the median of the test scores shown in the table?

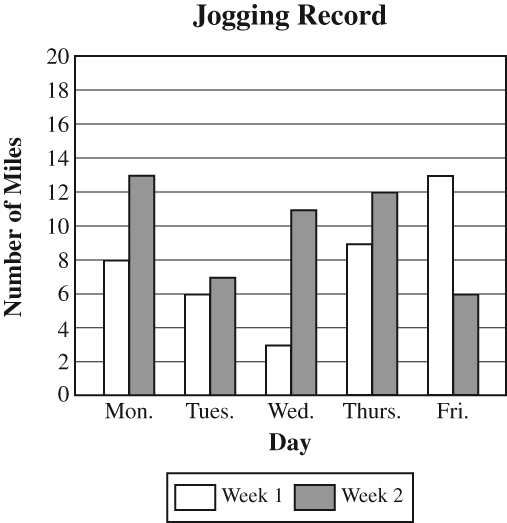
|  |  |
| --- | --- |
| **Math Test Grades** | |
| **Student** | **Grade** |
| **1** | **78** |
| **2** | **92** |
| **3** | **80** |
| **4** | **95** |
| **5** | **85** |
| **6** | **70** |

2.) Joey calculated the area of the top surface of his workbench to be 4320 square inches. What is 4320 square inches converted to square feet (sq ft)?

3.) Stephanie surveyed 150 students in her grade to find out which subjects are their favorites. She made this graph to show the results. How many students chose **Math** as their favorite subject? ***(I would have thought that at least 85% of the students would have chosen Math as their favorite subject!)***



4.) The graph below shows the number of miles Jacob jogged each day for two weeks. Which day had the greatest difference in the number of miles Jacob jogged between week 1 and week 2?



5.) Shannon’s dog eats 15 ounces of dry dog food every day. Which is a reasonable number of days it will take Shannon’s dog to eat 40 pounds of dog food?

6.) A storage room in the shape of a square measures 13 feet on each side. How many yards (yd) are equivalent to the perimeter of this room?